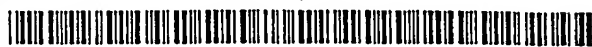


(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/015576 A1

(51) International Patent Classification⁷: H01B 13/00,
13/14, 13/26

(21) International Application Number:
PCT/EP2003/014782

(22) International Filing Date:
18 December 2003 (18.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/EP03/08194 25 July 2003 (25.07.2003) EP

(71) Applicant (for all designated States except US): PIRELLI
& C. S.p.A. [IT/IT]; Via Gaetano Negri, 10, I-20123 Mi-
lano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DONAZZI, Fab-
rizio [IT/IT]; c/o Pirelli Cavi E Sistemi Energia S.p.A.,
Viale Sarca, 222, I-20126 Milano (IT). BELLI, Sergio
[IT/IT]; c/o Pirelli Cavi E Sistemi Energia S.p.A., Viale

Sarca, 222, I-20126 Milano (IT). MAJOLI, Paolo [IT/IT];
c/o Pirelli Cavi E Sistemi Energia S.p.A., Viale Sarca, 222,
I-20126 Milano (IT). BAREGGI, Alberto [IT/IT]; c/o
Pirelli Cavi E Sistemi Energia S.p.A., Viale Sarca, 222,
I-20126 Milano (IT).

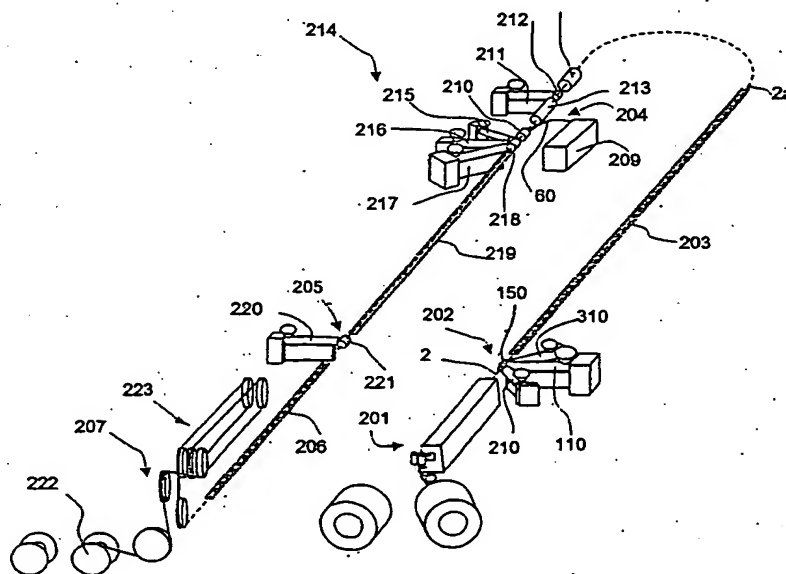
(74) Agents: BOTTERO, Claudio et al.; Porta, Checcacci &
Associati S.p.A., Via Trebbia, 20, I-20135 Milano (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: CONTINUOUS PROCESS FOR MANUFACTURING ELECTRICAL CABLES



(57) Abstract: The present invention concerns a process for manufacturing an electric cable. In particular, the process comprises the steps of: a) feeding a conductor at a predetermined feeding speed; b) extruding a thermoplastic insulating layer in a radially outer position with respect to the conductor; c) cooling the extruded insulating layer at a temperature not higher than 70°C, and d) forming a circumferentially closed metallic screen around said extruded insulating layer. The process according to the invention is carried out continuously, i.e. the time occurring between the end of the cooling step and the beginning of the screen forming step is inversely proportional to the feeding speed of the conductor.

WO 2005/015576 A1



Declaration under Rule 4.17:

- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*